Form PTO-1449 (Rev. 8-83) (modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 12547US02	SERIAL NO. 09/643,550
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT(s): Knights et al.	
		FILING DATE August 22, 2000	GROUP ART UNIT: 1745

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MZ		4,360,417	11/82	Reger et al.	204	290	
MZ		4,589,969	05/86	Yurkov et al.	204	290	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
MZ		59-225740	12/84	Japan			X abstract	
MZ		62-024568	02/87	Japan			X abstract	
MZ		01-246765	10/89	Japan			X abstract	
MZ		09-035736	02/97	Japan			X abstract	
MZ		0 716 463	12/96	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MZ		"Kirk-Othmer Enclyclopedia of Chemical Technology", 3rd Edition, J. Wiley & Sons, Vol. 10, pp.248-249 (Date unknown)
MZ		"Regenerative Fuel Cell Subsystems", Chemistry 869, Course in Electrochemistry at Simon Fraser University, pp. 1-12 (11/96)
MZ		Arico, et al. "Electro-chemical and physico-chemical characterization of carbon-supported and unsupported Pt-Ru catalysts for application in direct methanol fuel cells," *Meeting Abstracts*, Abstract No. 77, Vol. 99-1, 195 Meeting of the Electrochemical Society, Inc. (05/1999)
MZ		Iwase et al. "Optimized CO Tolerant Electrocatalysts for Polymer Electrolyte Fuel Cells, *Electrochemical Society Proceedings,* Vol 95, pp. 12-23 (Date unknown)
MZ		Ledjeff, "Development of Pressure Electrolyser and Fuel Cell with Polymer Electrolyte," *Int. J. Hydrogen Energy,* Vol. 19, No. 5, pp. 453-455 (1994)

EXAMINER	DATE CONSIDERED:
M. Zelenay	1/10/02

*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MZ		Rolison et al. "Role of Hydrous Ruthenium Oxide in Pt-Ru Direct Methanol Fuel Cell Anode Electrocatalysts: The Importance of Mixed Electron/Proton Conductivity," *Langmuir 15*:774-779 (1999)
MZ		Savadogo, "New Materials for Water Electrolysis and Photoelectrolysis", *Hydrogen Energy, World Conference,* pp. 2065-2092 (1996)
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MZ		Wilkinson et al. "Materials and Approaches for CO and CO_2 Tolerance for Polymer Electrolyte Membrane Fuel Cells", *New Materials for Fuel Cell and Modern Battery Systems II, Proceedings of the Second International Symposium on New Materials for Fuel Cell and Modern Battery Systems,* 11 pages having 2 columns of text per page (07/1997)

EXAMINER M. Zeiths	DATE CONSIDERED: 1/10/02

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